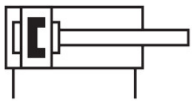
Compact air cylinder
ADVU-32-20-P-A

Part number: 156533





General operating condition

Data sheet

Feature	Value
Stroke	20 mm
Piston diameter	32 mm
Cushioning	Elastic cushioning rings/pads at both ends
Mounting position	Any
Mode of operation	Double-acting
Piston rod end	Internal thread
Structural design	Piston Piston rod
Position sensing	For proximity sensor
Symbol	00991217
Variants	Piston rod at one end
Operating pressure	0.08 MPa ... 1 MPa
Operating pressure	0.8 bar ... 10 bar
Operating pressure	11.6 psi ... 145 psi
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature	-20 °C ... 80 °C
Impact energy in the end positions	0.4 J
Theoretical force at 6 bar, retracting	415 N
Theoretical force at 6 bar, advancing	483 N
Moving mass at 0 mm stroke	49 g
Additional moving mass per 10 mm stroke	9 g
Basic weight with 0 mm stroke	300 g
Additional weight per 10 mm stroke	40 g
Type of mounting	Optionally: With through-hole With accessories
Pneumatic connection	G1/8
Flange screws material	Steel, galvanized
Cover material	Wrought aluminum alloy
Material of dynamic seals	NBR TPE-U(PU)
Piston rod material	High-alloy stainless steel
Material of cylinder barrel	Wrought aluminum alloy

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